

U.S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

OPERATION AND MAINTENANCE PLAN

IRRIGATION WATER CONVEYANCE

ANIONIC POLYACRYLAMIDE (PAM) DITCH AND CANAL TREATMENT

Code 754

Landowner/Operator:							
Job Location		Sec:		T:		R:	
Prepared By:				Date:			

OVERVIEW

A properly operated and maintained lined irrigation ditch is an asset to your farm. This lining was designed and installed to reduce water loss in your irrigation delivery and/or head ditches. The estimated life span of this installation is at least 1 year.

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop an effective operation and maintenance program.

GENERAL RECOMMENDATIONS

- ☐ Maintain the widths and heights of soil berms adjacent to the lining.
- ☐ If livestock are present, prevent their access to linings and provide other drinking water facilities.
- ☐ Inspect embankments for damage from rodents or burrowing animals. Repair any damage. Take appropriate corrective actions to alleviate further damage.
- ☐ Reapply the treatment to sections with cracks or excessive seepage. Investigate cause before repair and take measures to prevent re-occurrence.
- ☐ Remove sediment, debris or any blockage that restricts flow capacity.
- ☐ Remove woody vegetation and perennials from the treated area.
- ☐ Avoid crossings of equipment or vehicles except at designated areas.
- ☐ Clean PAM mixing and application equipment thoroughly as recommended by the manufacturer for the particular PAM formulation to avoid formation of PAM residues
- ☐ Reapply treatments on an annual basis unless observations indicate additional treatment is not necessary or effective.

Specific Recommendations for Your Installation:

To obtain more assistance, contact your local NRCS Office at:

USDA Service Center

Telephone Number:

**Address¹
City, WY, zip**